

APPENDIX 'A'

#20134

Chair and Members  
Civic Works Committee

September 22, 2020  
(Appoint Consulting Engineers)

**RE: Infrastructure Renewal Program**

- Capital Project ES241420 - Infrastructure Renewal Program - Sanitary Sewers
- Capital Project ES254020 - Infrastructure Renewal Program - Stormwater Sewers & Treatment
- Capital Project EW3580 - Huron Street River Crossing Remedial Work
- Capital Project EW3625 - Wonderland Road Watermain - Exeter to Hamlyn
- Capital Project EW376519 - Water Infrastructure Lifecycle Renewal
- Capital Project EW376520 - Infrastructure Renewal Program - Watermains
- IBI Group Professional Services (Canada) Inc. - \$146,872.00 (excluding H.S.T.) - Assignment G - (Subledger WS21C00G)
- Archibald, Gray & McKay Engineering Limited - \$264,000.00 (excluding H.S.T.) - Assignment H - (Subledger WS21C00H)
- Stantec Consulting Ltd. - \$198,899.80 (excluding H.S.T.) - Thames River Watermain Remediation - (Subledger WS21C002)
- AECOM Canada Ltd. - \$194,963.00 (excluding H.S.T.) - Wonderland Road Watermain Installation - (Subledger WS21C003)

**FINANCE & CORPORATE SERVICES REPORT ON THE SOURCES OF FINANCING:**

Finance & Corporate Services confirms that the cost of this project cannot be accommodated within the financing available for it in the Capital Works Budget and that, subject to the adoption of the recommendations of the Managing Director, Environmental & Engineering Services & City Engineer, the detailed source of financing for this project is:

<b>SUMMARY OF ESTIMATED EXPENDITURES</b>	<b>Approved Budget</b>	<b>Additional Funding</b>	<b>Revised Budget</b>	<b>Committed to Date</b>	<b>This Submission</b>	<b>Balance for Future Work</b>
<b>ES241420 - IRP - Sanitary Sewers</b>						
Engineering	\$2,586,825		\$2,586,825	\$2,461,394	\$125,431	\$0
Engineering (Utilities Share)	68,176		68,176	68,176		0
Construction	7,681,500		7,681,500	6,993,100		688,400
Construction (Utilities Share)	1,257,613		1,257,613	1,257,613		0
City Related Expenses	25,000		25,000			25,000
	<u>11,619,114</u>	<u>0</u>	<u>11,619,114</u>	<u>10,780,283</u>	<u>125,431</u>	<u>713,400</u>
<b>ES254020 - IRP - Stormwater Sewers &amp; Treatment</b>						
Engineering	2,721,839		2,721,839	2,596,409	125,430	0
Construction	10,681,011		10,681,011	6,872,482		3,808,529
City Related Expenses	100,000		100,000	48		99,952
	<u>13,502,850</u>	<u>0</u>	<u>13,502,850</u>	<u>9,468,939</u>	<u>125,430</u>	<u>3,908,481</u>
<b>EW3580 - Huron St River Crossing Remedial Work</b>						
Engineering	845,807		845,807	649,265	196,542	0
Construction	2,047,481		2,047,481	2,047,481		0
City Related Expenses	1,681		1,681	1,681		0
	<u>2,894,969</u>	<u>0</u>	<u>2,894,969</u>	<u>2,698,427</u>	<u>196,542</u>	<u>0</u>
<b>EW3625 - Wonderland Rd Wtrmn - Exeter to Hamlyn</b>						
Engineering	170,748	27,646	198,394		198,394	0
<b>EW376519 - Water Infrastructure Lifecycle Renewal</b>						
Engineering	2,658,893		2,658,893	2,653,034	5,859	0
Construction	9,634,189		9,634,189	9,328,056		306,133
City Related Expenses	536		536	536		0
	<u>12,293,618</u>	<u>0</u>	<u>12,293,618</u>	<u>11,981,626</u>	<u>5,859</u>	<u>306,133</u>
<b>EW376520 - IRP - Watermains</b>						
Engineering	2,594,060		2,594,060	2,426,819	167,241	0
Construction	14,724,081		14,724,081	11,377,550		3,346,531
City Related Expenses	45		45	45		0
	<u>17,318,186</u>	<u>0</u>	<u>17,318,186</u>	<u>13,804,414</u>	<u>167,241</u>	<u>3,346,531</u>
<b>NET ESTIMATED EXPENDITURES</b>	<b>\$57,799,485</b>	<b>\$27,646</b>	<b>\$57,827,131</b>	<b>\$48,733,689</b>	<b>\$818,897</b>	<b>\$8,274,545</b>
<b>SUMMARY OF FINANCING:</b>						
<b>ES241420 - IRP - Sanitary Sewers</b>						
Capital Sewer Rates	\$5,642,540		\$5,642,540	\$5,642,540		\$0
Federal Gas Tax	4,650,785		4,650,785	3,811,954	125,431	713,400
Other Contributions (Utilities)	1,325,789		1,325,789	1,325,789		0
	<u>11,619,114</u>	<u>0</u>	<u>11,619,114</u>	<u>10,780,283</u>	<u>125,431</u>	<u>713,400</u>
<b>ES254020 - IRP - Stormwater Sewers &amp; Treatment</b>						
Capital Sewer Rates	2,277,960		2,277,960	2,277,960		0
Drawdown from Sewage Works Reserve Fund	11,214,166		11,214,166	7,180,255	125,430	3,908,481
Other Contributions	10,724		10,724	10,724		0
	<u>13,502,850</u>	<u>0</u>	<u>13,502,850</u>	<u>9,468,939</u>	<u>125,430</u>	<u>3,908,481</u>
<b>EW3580 - Huron St River Crossing Remedial Work</b>						
Drawdown from Capital Water Reserve Fund	2,597,476		2,597,476	2,400,934	196,542	0
Federal Gas Tax	297,493		297,493	297,493		0
	<u>2,894,969</u>	<u>0</u>	<u>2,894,969</u>	<u>2,698,427</u>	<u>196,542</u>	<u>0</u>
<b>EW3625 - Wonderland Rd Wtrmn - Exeter to Hamlyn</b>						
Drawdown from Capital Water Reserve Fund	8,537	1,382	9,919		9,919	0
Drawdown from City Services - Water Reserve Fund (Development Charges)	162,211	26,264	188,475		188,475	0
	<u>170,748</u>	<u>27,646</u>	<u>198,394</u>	<u>0</u>	<u>198,394</u>	<u>0</u>
<b>EW376519 - Water Infrastructure Lifecycle Renewal</b>						
Capital Water Rates	7,692,100		7,692,100	7,692,100		0
Drawdown from Capital Water Reserve Fund	4,040,518		4,040,518	3,728,526	5,859	306,133
Federal Gas Tax	561,000		561,000	561,000		0
	<u>12,293,618</u>	<u>0</u>	<u>12,293,618</u>	<u>11,981,626</u>	<u>5,859</u>	<u>306,133</u>
<b>EW376520 - IRP - Watermains</b>						
Capital Water Rates	10,753,000		10,753,000	10,753,000		0
Drawdown from Capital Water Reserve Fund	6,565,186		6,565,186	3,051,414	167,241	3,346,531
	<u>17,318,186</u>	<u>0</u>	<u>17,318,186</u>	<u>13,804,414</u>	<u>167,241</u>	<u>3,346,531</u>
<b>TOTAL FINANCING</b>	<b>\$57,799,485</b>	<b>\$27,646</b>	<b>\$57,827,131</b>	<b>\$48,733,689</b>	<b>\$818,897</b>	<b>\$8,274,545</b>

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1) <b>FINANCIAL NOTE: (EXCLUDING H.S.T.)</b>	<b>ES241420</b>	<b>ES254020</b>	<b>EW3580</b>	<b>EW3625</b>
<b>Listed by Engineer and Contract</b>				
IBI Group Professional Services (Canada) Inc. -Assign. G	\$44,062	\$44,061		
Archibald, Gray and McKay Engineering Limited-Assign. H	79,200	79,200		
Stantec Consulting Ltd. -Thames River Wtrmn Remediation			193,142	
AECOM Canada Ltd.-Wonderland Rd. Wtrmn. Installation				194,963
<b>TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)</b>	<b>\$123,262</b>	<b>\$123,261</b>	<b>\$193,142</b>	<b>\$194,963</b>

<b>FINANCIAL NOTE (continued)</b>	<b>EW376519</b>	<b>EW376520</b>	<b>TOTAL PER CONTRACT</b>	
<b>Listed by Engineer and Contract</b>			<b>Excluding HST</b>	<b>Incl. HST</b>
IBI Group Professional Services (Canada) Inc. -Assign. G		\$58,749	\$146,872	\$149,457
Archibald, Gray and McKay Engineering Limited-Assign. H		105,600	264,000	268,646
Stantec Consulting Ltd. -Thames River Wtrmn Remediation	5,758		198,900	202,400
AECOM Canada Ltd.-Wonderland Rd. Wtrmn. Installation			194,963	198,394
<b>TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)</b>	<b>\$5,758</b>	<b>\$164,349</b>	<b>\$804,735</b>	<b>\$818,897</b>

2) <b>Financial Note: (Charges per Capital Project)</b>	<b>ES241420</b>	<b>ES254020</b>	<b>EW3580</b>	<b>EW3625</b>
Contract Price	\$123,262	\$123,261	\$193,142	\$194,963
Add: HST @13%	16,024	16,024	25,108	25,345
Total Contract Price Including Taxes	139,286	139,285	218,250	220,308
Less: HST Rebate	13,855	13,855	21,708	21,914
Net Contract Price	<u>\$125,431</u>	<u>\$125,430</u>	<u>\$196,542</u>	<u>\$198,394</u>

<b>Financial Note:(Charges per Capital Project) continued</b>	<b>EW376519</b>	<b>EW376520</b>	<b>TOTAL</b>	
Contract Price	\$5,758	\$164,349	\$804,735	
Add: HST @13%	749	21,365	104,615	
Total Contract Price Including Taxes	6,507	185,714	909,350	
Less: HST Rebate	648	18,473	90,453	
Net Contract Price	<u>\$5,859</u>	<u>\$167,241</u>	<u>\$818,897</u>	

- 2) The additional funding for Capital Project EW3625 - Wonderland Road Watermain - Exeter to Hamlyn is included in the 2021 proposed budget. A portion of this budget (\$27,646) is required in 2020 and can be accommodated by advancing a portion of the 2021 budget. Upon Council approval of this recommendation, the 2021 proposed budget for project EW3625 will be revised.
- 3) Development charges have been utilized in accordance with the underlying legislation and the Development Charges Background Studies completed in 2019.

JG

Jason Davies  
Manager of Financial Planning & Policy